Amendments to the Claims:

1. (currently amended) A augmented reality system, comprising:

a display for use by an air traffic controller in an operations center on a water-based craft;

a sensor for collecting data associated with air traffic control objects in a traffic control space;

a computer receiving said data from said sensor, and operative to display said data on said display to the air traffic controller in the operations center in real time; and

means for detecting a physical gesture of ~~a~~ the air traffic controller in the operations center selecting an traffic control object displayed on said display of the air traffic controller.

2. cancelled

3. (currently amended) The system of claim ~~2~~ 1, further comprising means for displaying flight data about said air traffic control objects on said display.

4. (currently amended) The system of claim 3, wherein said flight data comprises at least one of a trajectory, heading, altitude, speed, call sign, ~~and~~ and/or flight number.

5. (currently amended) The system of claim ~~2~~ 1, further comprising means for opening a communication channel to said selected air traffic control object.

6. (currently amended) The system of claim ~~2~~ 1, wherein said display comprises a plurality of displays arranged to simulate a plurality of windows in ~~a~~ an air craft carrier primary flight (PriFly) ~~flight~~ control tower.

7. (currently amended) The system of claim ~~2~~ 1, further comprising:

means for opening a computer data file containing data about said selected air traffic control object; and

means for displaying said data as a textual annotation on said display.

8. (previously presented) The system of claim 7, wherein said data about said selected air traffic control object comprises at least one of: a passenger list or a physical characteristic of said selected air traffic control object.

9. (previously presented) The system of claim 1, wherein said physical gesture to be detected comprises at least one of a hand gesture, a pointing gesture, a voice command, a sustained visual look, ~~and~~ and/or a change of visual focus.

10. (currently amended) The system of claim ~~2~~ 1, wherein said sensor comprises at least one of an infrared image sensor, a radio frequency image sensor, RADAR, LIDAR, a millimeter wave imaging sensor, an acoustic sensor, a digital infrared camera, a digital

ultraviolet camera, an electro-optical camera, digital RADAR, ~~and~~ and/or high-resolution radar.

11. (previously presented) The system of claim 1, wherein said display comprises a virtual reality helmet.

12. (previously presented) The system of claim 1, wherein said traffic control space is an aircraft carrier air traffic control space.

13. cancelled

14. (currently amended) The system of claim 1, wherein said means for detecting comprise a laser pointer, a gyro-mouse, a video observation system, a data glove, a touch-sensitive screen, ~~and~~ and/or a voice observation system.

15. (previously presented) The system of claim 1, wherein said data collected by said sensor comprises non-visual data.

16. (currently amended) A method, comprising:

(a) collecting data associated with air traffic control objects in ~~a~~ an air traffic control space;

(b) displaying said data to an air traffic controller in an operation center on a water-based craft in real time; and

(c) detecting a physical gesture of ~~a~~ the traffic controller selecting one of said air traffic control objects displayed.

17. (currently amended) The method of claim 16, further comprising:

(d) opening a communication channel with said selected air traffic control object.

18. cancelled

19. (currently amended) The method of claim ~~18~~ 16, further comprising:

(d) displaying flight data about said air traffic control objects.

20. (currently amended) The method of claim 19, wherein (d) comprises displaying at least one of a trajectory, heading, altitude, speed, call sign, ~~and~~ and/or flight number.

21. (currently amended) The method of claim ~~18~~ 16, further comprising:

opening a computer data file containing data about said selected air traffic control object; and

displaying said data as a textual annotation on said display.

22. (currently amended) The method of claim 16, wherein (a) comprises collecting said data from at least one of an infrared image sensor, a radio frequency image sensor, RADAR, LIDAR, a millimeter wave imaging sensor, an acoustic sensor, a digital infrared camera, a digital ultraviolet camera, digital RADAR, and electro-optical camera, ~~and~~ and/or high-resolution radar.

23. (currently amended) The method of claim 16, wherein (c) comprises detecting at least one of a hand gesture, a pointing gesture, a voice command, a sustained visual look, ~~and~~ and/or a change of visual focus.

24. (currently amended) The method of claim 16, wherein (b) comprises displaying said data on at least one of: a plurality of displays arranged to simulate a plurality of windows in a flight control tower, ~~and~~ and/or a virtual reality helmet.

25. (currently amended) The method of claim 16, wherein (a) comprises collecting non-visual data associated with traffic control objects in ~~a~~ the traffic control space.

26. (new) The system of claim 1, wherein the water-based craft is an aircraft carrier.